

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 99.28**WELDING INSPECTION REPORT****Resident Engineer:** Casey, William**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-027201**Date Inspected:** 16-Feb-2012**Project Name:** SAS Superstructure**OSM Arrival Time:** 730**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1000**Contractor:** L&M Industrial Fabricators**Location:** Tangent, OR**CWI Name:** Thomas Dreyer**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** CCO 196 and 203**Summary of Items Observed:**

On this date, Quality Assurance Inspector (QAI) Kenneth Riley arrived at L & M Industrial Fabricators between the times noted above to randomly observe Quality Control (QC) personnel monitor the welding operations performed by L & M personnel on the fabrication of chimney parapet walls to the Tower Heads and Elevator brackets installed. The observations for the extra work being performed are under contract change orders CCO196 and CCO203 as stated below.

CCO196

This QA Inspector randomly observed L & M welding personnel Bradford Schroyer (Welder ID #16) grinding weld number A14d-A14b on the parapet wall assembly A14 (number 2) for Tower Head West, under Welding Procedure Specification for this location was D1.5-FC-TC-P4-GF-1&2G (Joint TC-P4-GF [PJP]). Also noted was Jake Schuld (welder #17) was grinding the joints on multiple parapet walls that were flame cut using the semi-automated system.

This QAI randomly observed that L&M personnel Otis Smith (Welder ID #19) had fit the parapet walls (A11 and A12) to the base plate and matched the distortion from the tower skin plate as outlined in the CCO196. The stiffener assemblies were also tack welded in place for these 2 locations.

Unless noted otherwise, all work observed on this date appeared to be in general compliance with the contract documents at the time of observations.

WELDING INSPECTION REPORT

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Summary of Conversations:

Basic conservation, fundamental to completion of the tasks at hand, occurred between this QAI and ABF QC personnel.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Nina Choy (510) 385-5910, who represents the Office of Structural Materials for your project.

Inspected By:	Riley, Ken	Quality Assurance Inspector
Reviewed By:	Levell, Bill	QA Reviewer
